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TI Cement-based hydraulic compositions, fiber-reinforced cured
hydraulic products, and method for their on-site placing
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PA Kuraray Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
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DT Patent
LA Japanese
IC ICM C04B028-02
ICS C04B016-06; C04B111-20
CC 58-3 (Cement, Concrete, and Related Building Materials)
Section cross-reference(s): 40

FAN.CNT 1

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PI	JP 2001316157	A2	20011113	JP 2001-36808	20010214
PRAI	JP 2000-58598	A	20000303		

AB The compns. comprise cement-based hydraulic materials contg.
silica fume, blast-furnace slag, and/or fly ash (C)
750-1300, aggregates (S) 400-1100, water (W) 270-420 kg/m³, and
reinforcement fibers having fineness 55-270 dtex and satisfy $2.625 - 0.0075X$.ltoreq. Y .ltoreq. $3.375 - 0.0075X$ and $47Y + W = 253 - 47Y + 293$,
where $Y = C/S$. Hardened products of the compns. and on-site placing of
the compns. and the products are also claimed. The products have high
toughness and resistance to vibration.

ST cement hydraulic product fiber reinforced; vibration
resistant fiber reinforced mortar; blast furnace slag fiber reinforced
cement; fly ash fiber reinforced
cement; silica fume fiber reinforced cement

IT Cement (construction material)
(Cement-based hydraulic compns., fiber-reinforced cured
hydraulic products, and method for their on-site placing)

IT Vinal fibers